

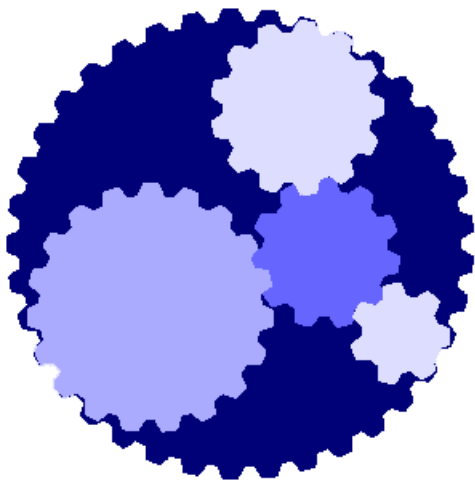
Course 131

Admin Role:

***Configuring Custom
Accounts and
Permissions***



The NEXT Generation AMR



Plug and Play Scada

- **Gives your enterprise the power to customize your AMR for different Roles and Organizations, via an easy to use Web interface**

Once you are done with this Course, you should be able to:

- Add more Logins under the Administrator Role
- Add restricted Roles and Logins for colleagues
- Add separate Organizations, Roles and Logins for your Customers.
- Test and support a Login you've created.

MODULE 1:

Adding another Login Account

Step 1: Login



The screenshot shows a Mozilla Firefox browser window titled "PnPSCADA Login - Mozilla Firefox". The address bar shows the URL "https://set.pnpscada.com". The page features the "Plug and Play Scada" logo, which consists of a cluster of blue gears. Below the logo, a message for new users says: "» New users: [Click here](#) to sign up for your free account." A welcome message follows: "Welcome, Please enter your Login Name and Password below." Below this is a login form with two input fields: "Login Name:" and "Password:". A "Login" button is positioned below the password field. A note below the form states: "Note: This site uses Cookies, JavaScript and Popups, and won't function properly without them. If you have them turned off, please turn them on to continue. By logging in to this site you agree to all [terms and conditions](#)." At the bottom of the note, it says: "If you have lost your password, click [here](#)." In the bottom right corner of the page, there is a "GODADDY.COM SECURED" badge with a clock icon and the text "CLICK TO VERIFY". The browser's status bar at the bottom shows "Connecting to set-1.pnpscada.com..." and a security lock icon.

PnPSCADA Login

Plug and Play Scada

» New users: [Click here](#) to sign up for your free account.

Welcome, Please enter your Login Name and Password below.

Login Name:

Password:

Login

Note: This site uses Cookies, JavaScript and Popups, and won't function properly without them. If you have them turned off, please turn them on to continue.
By logging in to this site you agree to all [terms and conditions](#).

If you have lost your password, click [here](#).

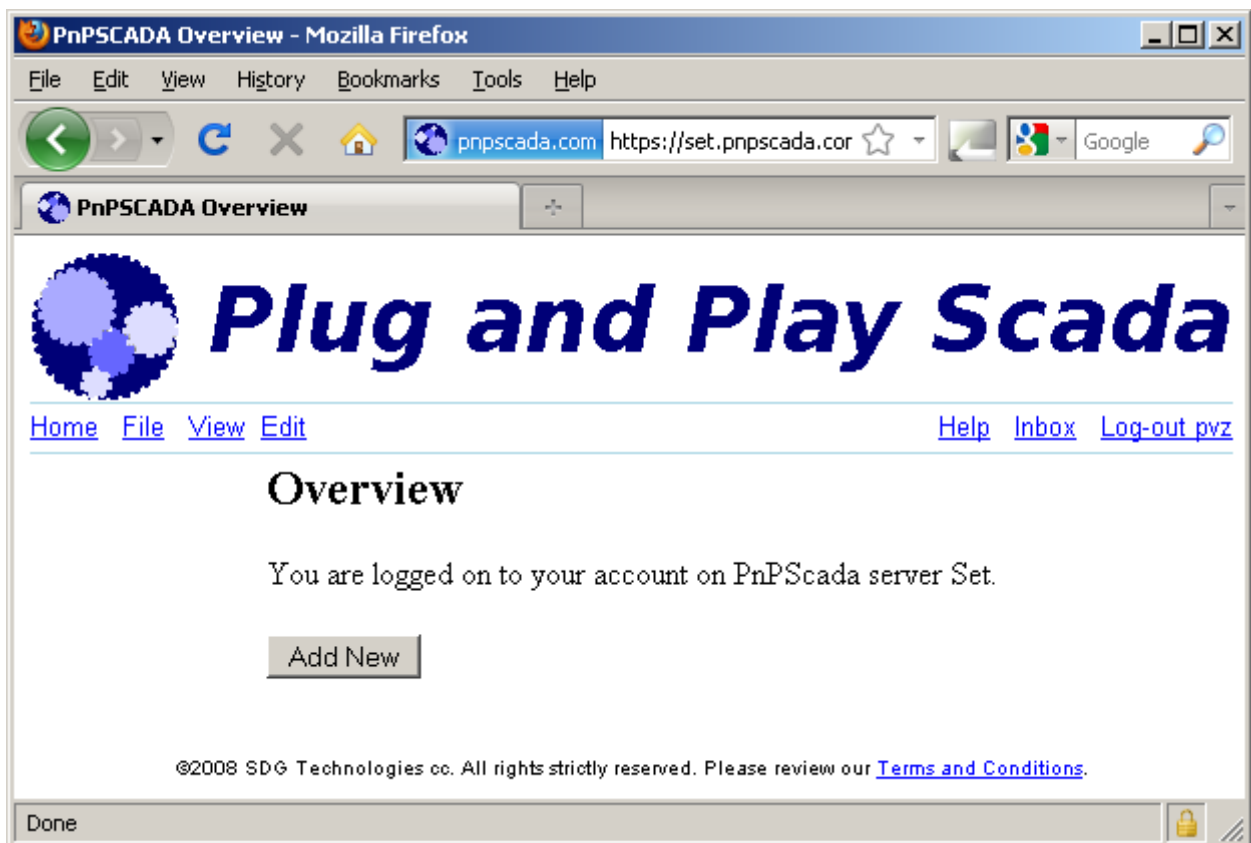
GODADDY.COM SECURED
CLICK TO VERIFY

Connecting to set-1.pnpscada.com...

- To start adding *Entities* on the system, the first step is to log in:
- Go to the log in page at: **set.pnpscada.com** (our training server)
- If you do not already have an account, press the link at the top where it says:

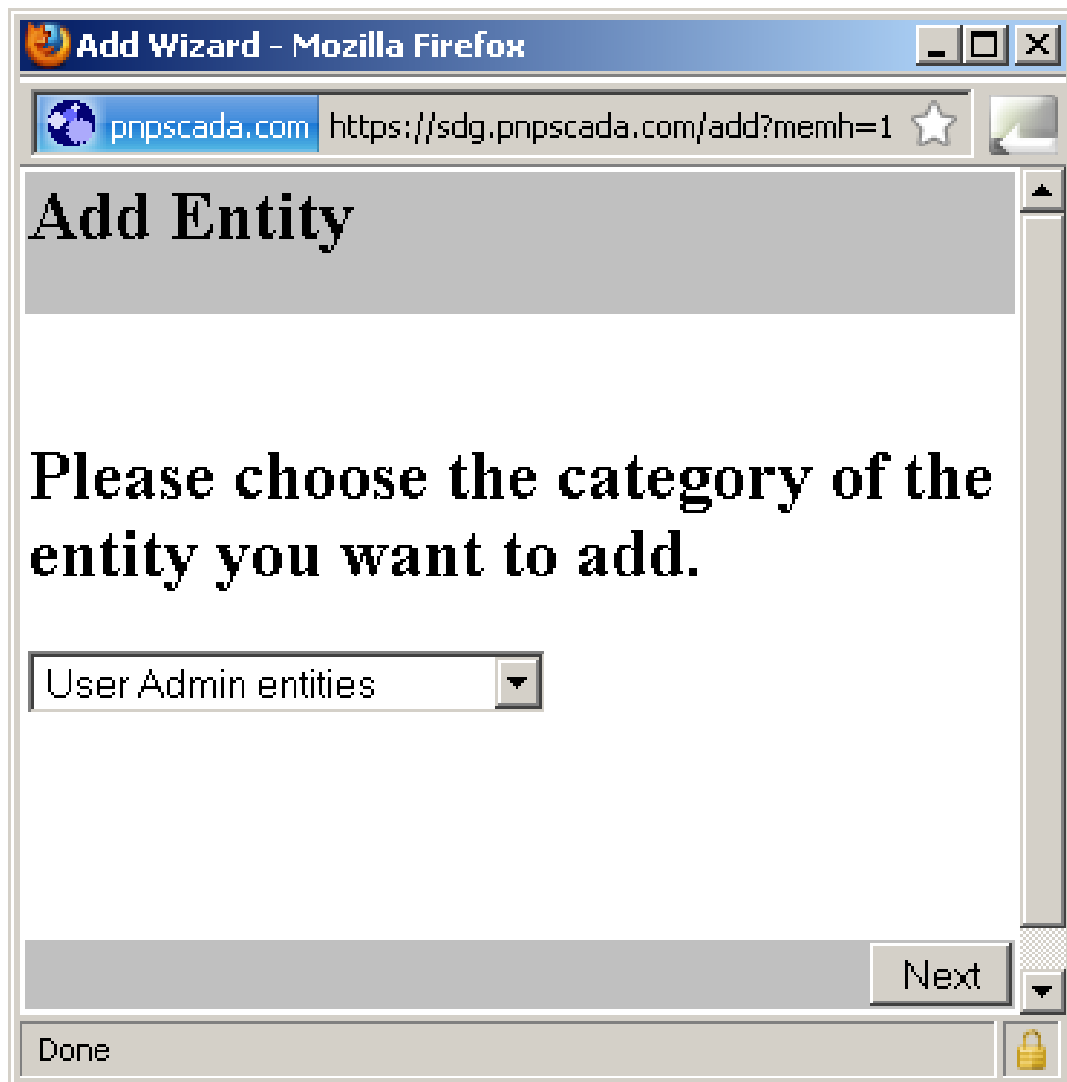
» **New users:** [Click here](#) to sign up for your free account.

Step 2: Add New



- The basic building blocks in Plug and Play Scada are called *Entities*.
- An *Entity* can be anything from a Meter to a Login account, a Role, an Organization, a Tariff, a Time Of Use calendar etc.
- To add any kind of *Entity* on the system, click the Add New button at the bottom of the overview screen.
- Alternatively, go to the File menu (next to Home), and click on New.

Step 3: Category



The screenshot shows a web browser window titled "Add Wizard - Mozilla Firefox". The address bar displays "pnpscada.com" and the URL "https://sdg.pnpscada.com/add?memh=1". The main content area is titled "Add Entity" and contains the instruction "Please choose the category of the entity you want to add." Below this is a dropdown menu with the text "User Admin entities". At the bottom right, there is a "Next" button. The status bar at the bottom shows "Done" and a lock icon.

Add Entity

Please choose the category of the entity you want to add.

User Admin entities

Next

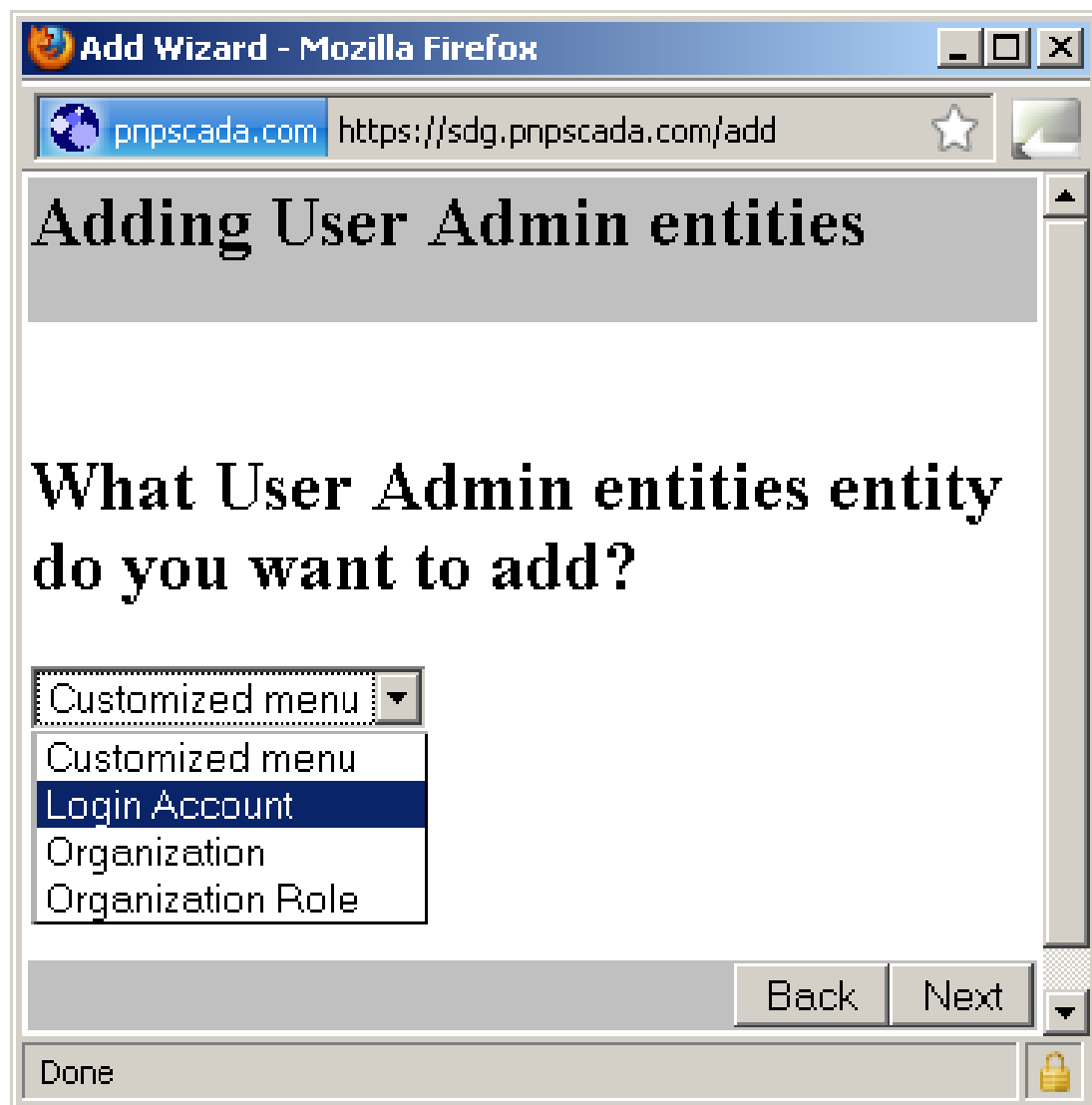
Done

- Select the Category of the *Entity* you want to add:
- In our case it would be User Admin entities.
- Push Next.

Step 4:

What User

Admin Entity?



The screenshot shows a web browser window titled 'Add Wizard - Mozilla Firefox'. The address bar displays 'pnpscada.com' and the URL 'https://sdg.pnpscada.com/add'. The main content area has a header 'Adding User Admin entities' and a question 'What User Admin entities entity do you want to add?'. Below the question is a dropdown menu with the following options: 'Customized menu', 'Customized menu', 'Login Account' (highlighted), 'Organization', and 'Organization Role'. At the bottom of the form are 'Back' and 'Next' buttons, and a 'Done' button in the status bar.

Adding User Admin entities

What User Admin entities entity do you want to add?

Customized menu ▼

- Customized menu
- Login Account**
- Organization
- Organization Role

Back Next

Done

- Select the kind of User Admin Entity you want to add.
- First, lets select Login Account.
- Push Next.

Step 5:

Dependency

Add Wizard - Mozilla Firefox

pnpscada.com https://sdg.pnpscada.com/add

Adding a Login Account

This entity needs a Role to function.

Please choose a Role:

...

Add New

- Organization Role: 21 Admin/Albertsdal Uitbreiding 4
- Organization Role: 1 Administrator/SDG Technologies cc
- Organization Role: 63 Bill Generate/dotcom demo
- Organization Role: 1000033 Consultant/Anglo Technical
- Organization Role: 56 Demo/dotcom demo
- Organization Role: 1000032 Engineer/Anglo Platinum
- Organization Role: 1000049 Francois Test/SDG Technologies cc
- Organization Role: 1000057 Goldfields Engineer/Goldfields

Back Next

Lock icon

- Every User Login Account belongs to a Role.
- You should have at least one Administrator Role attached to your own Login.
- After selecting a role, push Next.

Step 6:

Add Login

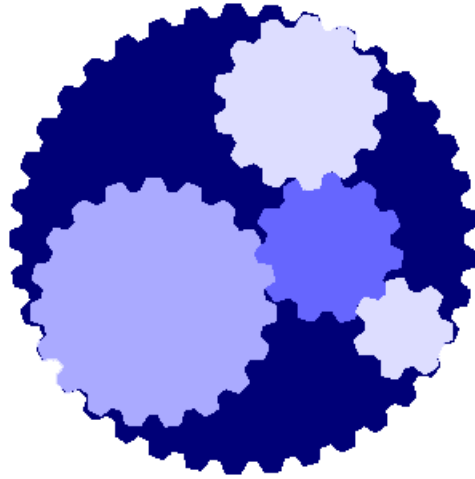
The screenshot shows a web browser window titled "Add Wizard - Mozilla Firefox". The address bar displays "pnpscada.com" and the URL "https://sdg.pnpscada.com/addlogin.jsp?memh=1297672798&advar_diddep=do". The page title is "Add Login".

The form contains the following fields and controls:

- First Name ***: A text input field.
- Last Name**: A text input field.
- Email Address**: A text input field with the subtext "(will be used to contact you about your account)".
- ☒ **Email my account information to this address.**
(This will use the SMTP protocol, which is plain text and not encrypted).
- Cell Phone Number**: A text input field with a dropdown arrow on the right.
- Choose a Login Name ***: A text input field containing "marinusvz" with the subtext "(no spaces or special symbols)".
- Choose a Password ***: A text input field with masked characters (dots) and the subtext "(use at least 6 characters)".
- Confirm the Password ***: A text input field with the subtext "(re-type the password)".

At the bottom right, there are "Back" and "Finish" buttons. A "Done" button is located at the bottom left of the form area. A status bar at the very bottom shows a lock icon.

- Fill out the relevant fields.
- You must specify the entries marked red.
(you can always edit the other options later under Edit->Login, or that user can set up his own info under Edit->My Info)
- Push Finish to add the new Login.



Exercise

Module 1

Exercise:

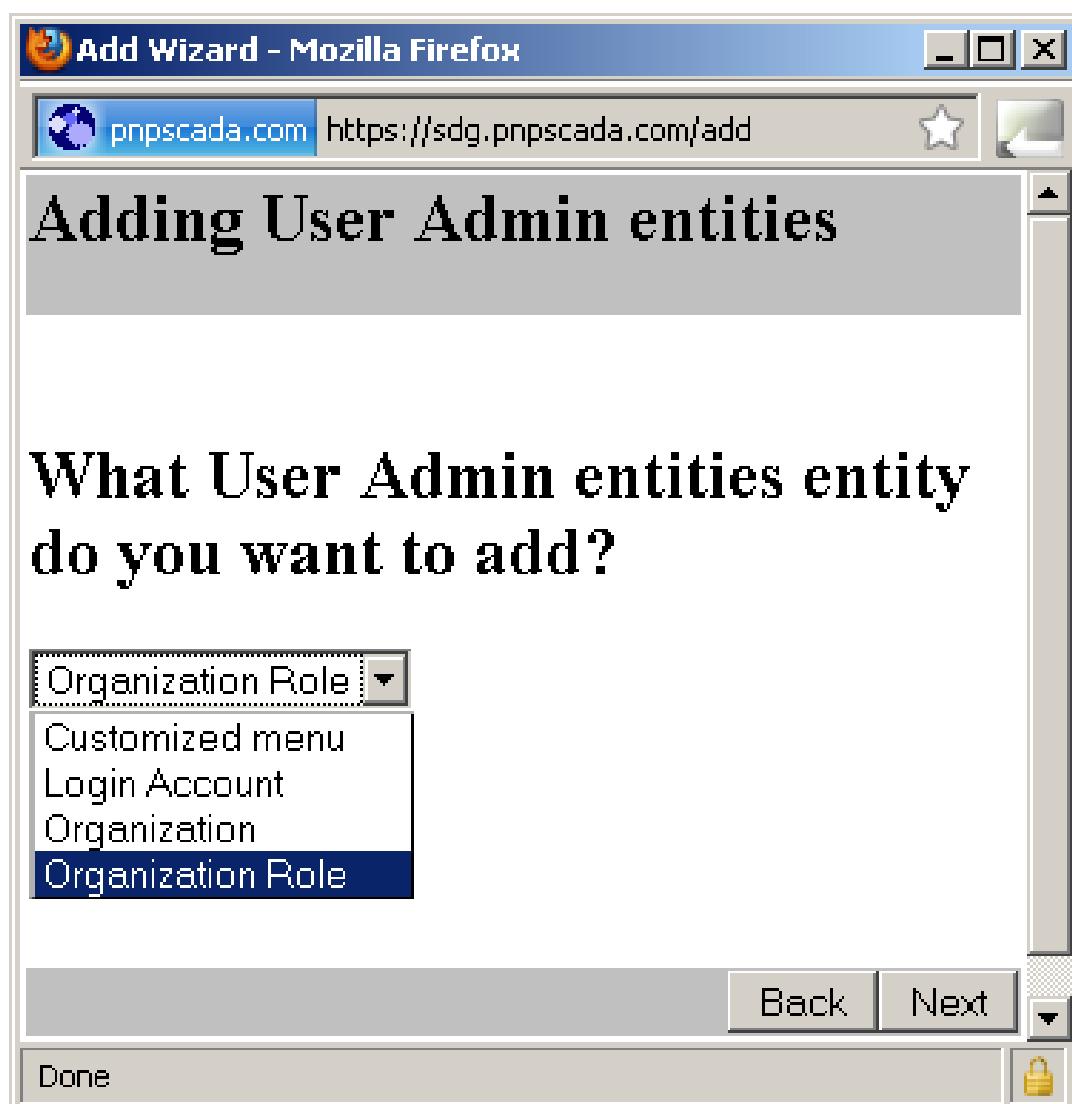
Add another Administrator Login to your Organization.

Call the Lecturer if you have any questions, and when you're done.

MODULE 2:

Adding another Role

Step 1: Add new



The screenshot shows a web browser window titled 'Add Wizard - Mozilla Firefox'. The address bar displays 'pnpscada.com' and the URL 'https://sdg.pnpscada.com/add'. The main content area has a header 'Adding User Admin entities' and a question 'What User Admin entities entity do you want to add?'. Below the question is a dropdown menu with 'Organization Role' selected, and a list of options: 'Customized menu', 'Login Account', 'Organization', and 'Organization Role' (highlighted). At the bottom, there are 'Back' and 'Next' buttons, and a 'Done' button with a lock icon.

Add Wizard - Mozilla Firefox

pnpscada.com https://sdg.pnpscada.com/add

Adding User Admin entities

What User Admin entities entity do you want to add?

Organization Role ▼

- Customized menu
- Login Account
- Organization
- Organization Role**

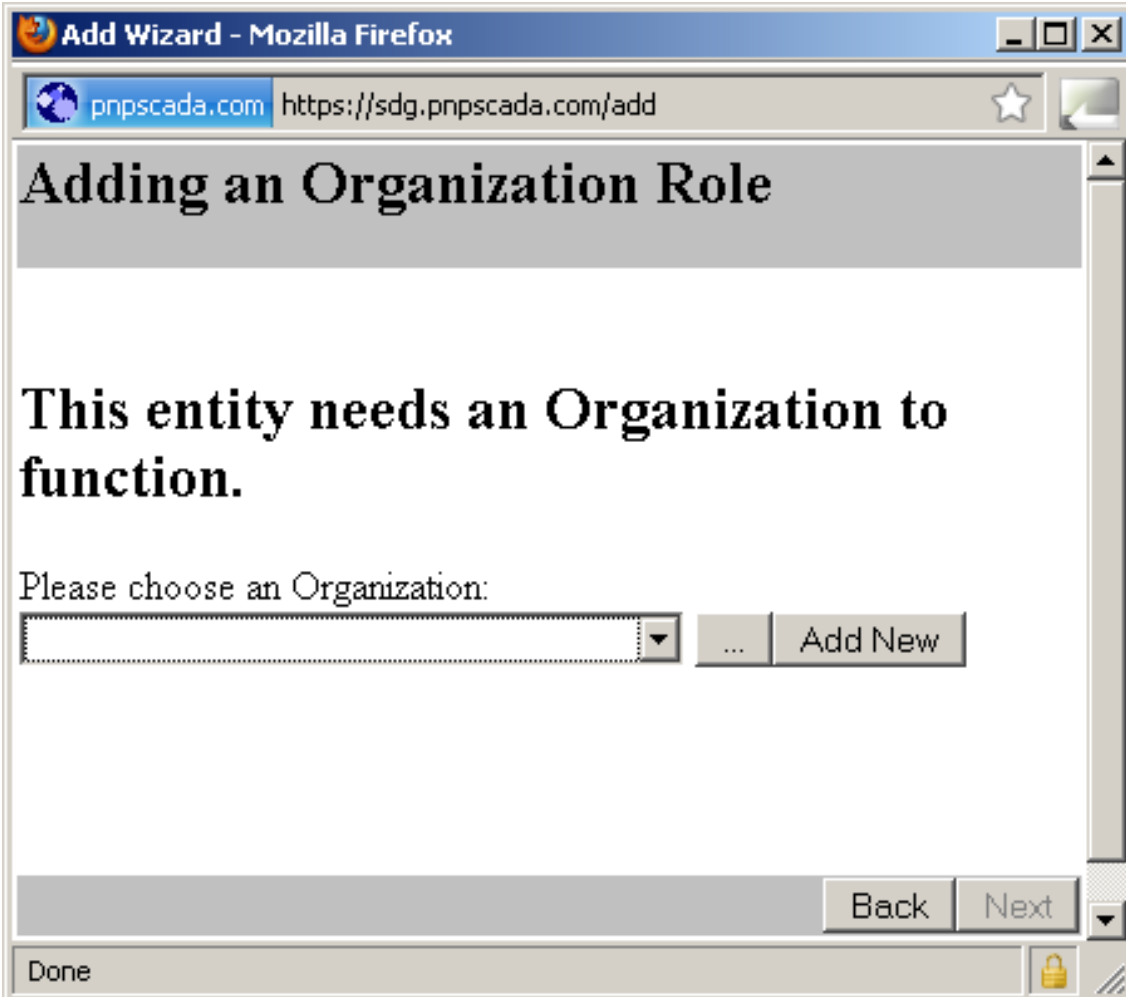
Back Next

Done

- Go back to Overview (press Home)
- Push the Add New button again, and add another User Admin Entity.
- This time, select the 'Organization Role' type of User Admin Entity.
- Click Next.

Step 2:

Dependency



The screenshot shows a web browser window titled "Add Wizard - Mozilla Firefox". The address bar displays "pnpscada.com" and the URL "https://sdg.pnpscada.com/add". The page title is "Adding an Organization Role". The main content area contains the text "This entity needs an Organization to function." followed by the instruction "Please choose an Organization:". Below this is a dropdown menu with a downward arrow, a button with three dots "...", and a button labeled "Add New". At the bottom of the page, there are "Back" and "Next" buttons, and a status bar with the word "Done" and a lock icon.

Adding an Organization Role

This entity needs an Organization to function.

Please choose an Organization:

... Add New

Back Next

Done

- Every Role is in an Organization.
- You should have at least one Organization attached to your own Login.
- After selecting an Organization, push Next.

Step 3:

Add the Role

Add Wizard - Mozilla Firefox

pnpscada.com https://sdg.pnpscada.com/addrole.jsp?memh=1297672809&advar_diddep=done&replaceId=null

Add Role

Role Description:

☒ No Add Restriction (all types of entities can be added)
☐ Specify which Types of Entities may be Added

Accumulators - RMS Accumulators
Breaker/Connector - Contactors
Breaker/Connector - Latched Breakers
Calendars - TOU Calendars

☒ No Functionality Restriction (all interfaces of entities may be used)
☐ Specify which Entity Interfaces may be Accessed

Account Access
Active Etherpad Edit
Admin Communication Device
Base Line

☒ No Entity Restriction (all entities belonging to SDG Technologies cc can be 'seen')
☐ Specify which Entities may be Accessed

Accumulators : bbbb (RMS0005)
Accumulators : Hello Wurld (RMS0004)
Breaker/Connector : Dummy Geyser (1070)
Breaker/Connector : Dummy Swimming Pool pump 1 (1071)

Back Finish

Done

- Fill out the relevant fields.
 - The only important one at this stage is the Role Description.
 - The other options are best edited later through specialized screens.
-
- Push Finish to add the new Role.

Step 4: Overview

The screenshot shows the PnPSCADA Overview web application running in Mozilla Firefox. The browser's address bar displays the URL <https://sdg.pnpscada.com/overview?memh=129767281>. The application's header features the PnPSCADA logo and the title "Plug and Play Scada". Below the header, a navigation menu includes links for Home, File, Edit, View, and Tools. The main content area is titled "Organization Role : Temporary/SDG Technologies cc" and includes links for Help, Inbox, and Log-out. A sidebar on the left lists various entities, with "Role" selected. The main content area displays the "Selected Entity" information for the "User Admin entities" role, including the "Organization Role" and "id: 1000099". A message at the bottom states "You have 25 Meter Accounts on your account."

PnPSCADA Overview - Mozilla Firefox

File Edit View History Bookmarks Tools Help

[pnpscada.com](#) <https://sdg.pnpscada.com/overview?memh=129767281> Google

Gmail - Inbox (78) - marinusvz@gmail.c... 31 Google Calendar PnPSCADA Overview

 **Plug and Play Scada**

Home File Edit View Tools Organization Role : Temporary/SDG Technologies cc Help Inbox Log-out marinusvz

Calendar Day Patterns
Calendar Week Patterns
Calendar Seasons
Calendar Holidays
Calendar Year Pattern
Tariff Line Items
Tariff Line Item Dependencies
Tariff Periods
Tariff Rates
Tariff Details
Login Account
Role
Login Notifications
Role Notifications
Organization
Switch Breaker
Switch Load
Load Details
Account Group
Account Group Roles
CAT Meter Reader
Physical Location
Communication Device
Rename

Selected Entity
User Admin entities
Organization Role
id: 1000099
Role/Organization: Temporary/SDG Technologies cc
[unselect entity](#)
[remove entity](#)

on PnPScada server Adam.
er pnpscada.com servers.
your account.
your account.
your account.
your account.
your account.
your account.
your account.
your account.
your account.
Your account.

You have 25 Meter Accounts on your account.

<https://sdg.pnpscada.com/editrole.jsp?blank=not blank&pageurl=editrole&jsp=true&memh=12976728138&boldstatus=1&newnam...>

- Your Role is now added, and we're ready to configure it further. Return to the overview screen (Home)
- Select your Organization Role on the overview screen by drilling down on the categories under User Admin entities and selecting it.
- You will be presented with the Object Dependency view. You can select the entities to the left and right of the selected Entity to navigate the Entity Dependency Tree.
- You can press the Home link from anywhere in the site to return to the overview screen.

Step 5:

Edit the Role

PnPSCADA Role - Edit - Mozilla Firefox

File Edit View History Bookmarks Tools Help

pnpscada.com https://sdg.pnpscada.com/editrole.jsp?blank=not blank&pageurl=editrole&jsp=true&memh

Gmail - Inbox (78) - marinusvz@gmail.c... 31 Google Calendar PnPSCADA Role - Edit

Plug and Play Scada

Home File Edit View Tools Organization Role : Temporary/SDG Technologies cc [Help](#) [Inbox](#) [Log-out marinusvz](#)

Role Description: Temporary Start Page: Overview

☒ No Entity Restriction (all entities belonging to SDG Technologies cc can be 'seen')

☐ Specify which Entities may be Accessed

Add... [none invert](#)

☐ Breaker (Switch)

☐ Communication Device (Call Logs, Rename)

☐ Communication Log

☐ Customized Menu (Customize Menu)

☐ Digital Output

☐ Electricity Meter Account (MD Scatter Plot, MD Breakdown)

☐ Events

☐ Generic APN Modem Edit (Edit)

☒ No Add Restriction

☐ Specify which Types of Entities may be Added

[none invert](#)

☐ Accumulators - RMS Accumulators

☐ Breaker/Connector - Contactors

☐ Breaker/Connector - Latched Breakers

☐ Calendars - TOU Calendars

☐ Digital Output - Generic Modbus Coils

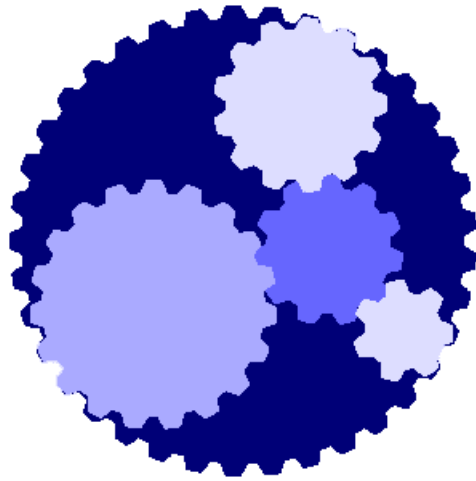
☐ Elster Wavenis - Elster Wave Flows

☐ Elster Wavenis - Elster Wave Port

☐ Elster Wavenis - Elster Wave Talkers

☐ Elster Wavenis - Elster Wave Transmitters

- With the Role selected, go to Edit->Role.
- On this screen you may edit the Role Description, set the Start Page for the Role (on login), and set the Restrictions.
- There are 3 kinds of restrictions:
 - Which Entities can be seen.
 - Enabled Functionalities (screens that can be used)
 - What kind of new entities may be added by this Role.
- Push the Update button when done.
- To add an account for a customer with only Meter Account view rights, add him to a Role restricted to his Meter Account Entity, the 'Meter Account' Functionality, and restricted on Add with no Types of Entities selected.



Exercise

Module 2

Exercise:

Add a Role that cannot access the Administrator Role.

Add a Login on that Role. With the new Login selected, go to Tools->Zoom to Login. Click the Zoom In button.

You should now 'see' what that login would see if they log in.

Try to view the Administrator Role under Home from the new Login.

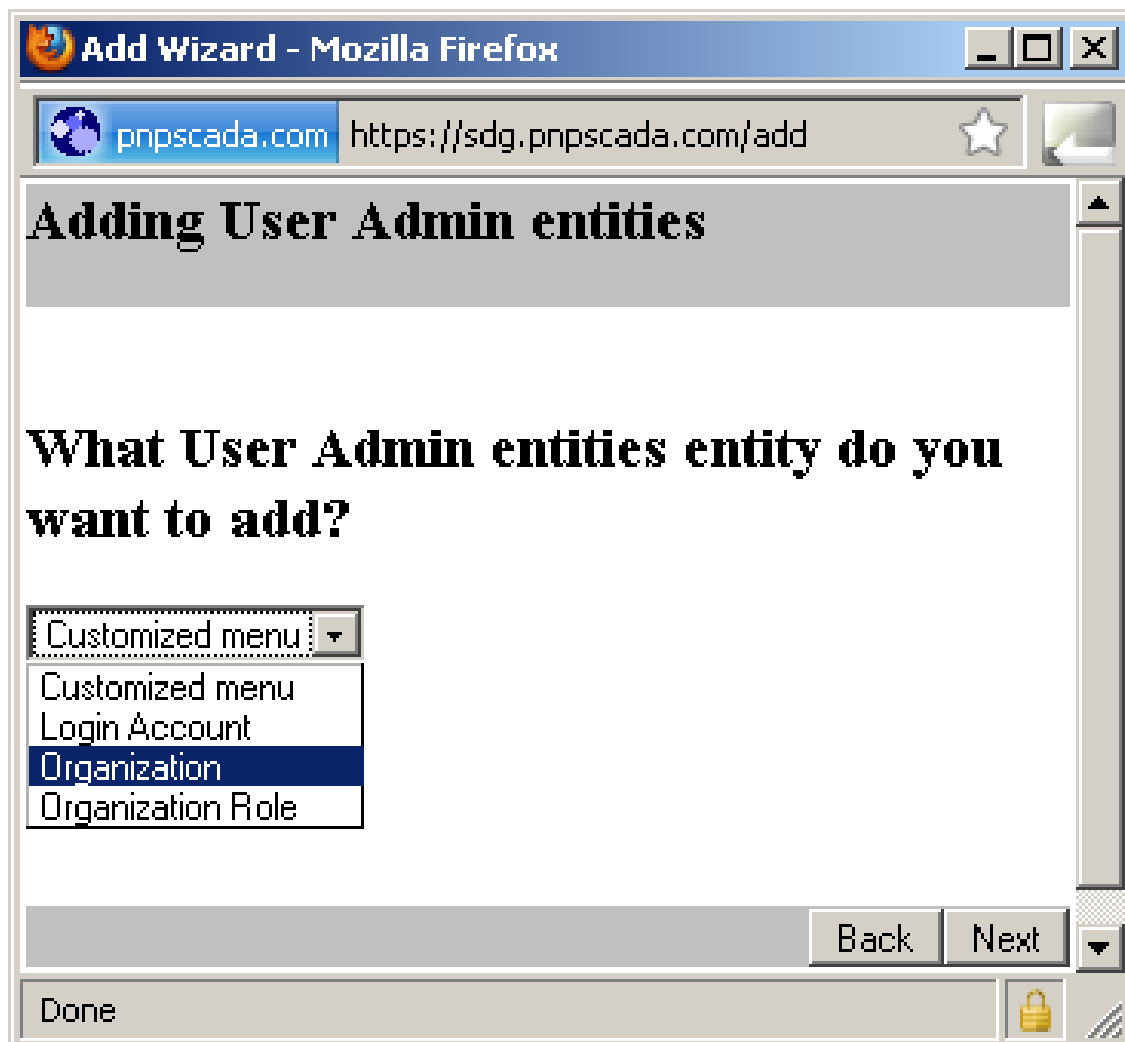
Now try to view the Administrator Role under Home from your old login.

Call the Lecturer if you have any questions, and when you're done.

MODULE 3:

Adding another Organization

Step 1: Add new



- Go back to Overview (press Home)
 - Push the Add New button again, and add another User Admin Entity.
 - This time, select the 'Organization' type of User Admin Entity.
 - Click Next.
-
- Reasons to add a new Organization as administrated by yourself, is for the sake of giving your customers their own logins with:
 - Their own banner image on top
 - Their own sub-domain
 - Their own unique login space (so that their customer logins could potentially be duplicated with another organization on another sub-domain without clashing, e.g. SHOP01 in two different Shopping Centers)

Step 2:

Add the Organization

Add Wizard - Mozilla Firefox

pnpscada.com https://sdg.pnpscada.com/addorg.jsp?memh=1297672822&advar_diddep=done&replaceId=null&advar_class=100

Add Organization "*" indicates a required field.

Organization Name *

Postal Address Line 1 *

Postal Address Line 2

City *

☒ Province * ☐ US State ☐ n.a.

Postal or Zip Code *

Country * Time Zone *

Telephone Number * South Africa (+ 027) Ext. (optional)

Fax Number

Street address *

VAT number

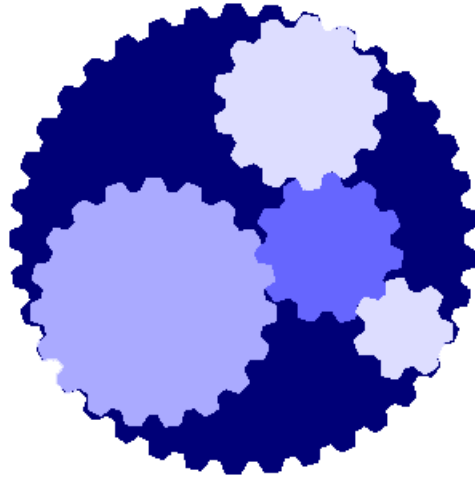
Sub domain

Banner Image Browse... (max 60K: Must specify Sub domain to have this option)

Back Finish

Done

- Fill out the relevant fields.
- Push Finish to add the new Organization.
- You can edit the Organization setting later from Edit->Organization.



Exercise

Module 3

Exercise:

If you have not already done so, Edit your Organization's properties and add your own banner image. For this to work, you also need to specify your own unique Sub domain.

Call the Lecturer if you have any questions, and when you're done.